Hamilton Air Monitoring Network - TSP Report

Station : STN29567
Location : Niagara / Land, Hamilton

Sample Matrix : Glass Fibre
Method : ICP/ MS

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
05-Jan-22	29	0.005	0.001	2.85	0.040	0.02	0.048	0.01	0.005
11-Jan-22	72	0.005	0.001	0.88	0.033	0.02	0.076	0.01	0.005
17-Jan-22	8	0.005	0.001	0.25	0.024	0.02	0.110	0.01	0.005
23-Jan-22	20	0.005	0.001	2.09	0.027	0.02	0.018	0.01	0.005
29-Jan-22	29	0.005	0.001	0.11	0.032	0.02	0.015	0.01	0.005
04-Feb-22	33	0.005	0.001	0.54	0.028	0.02	0.022	0.01	0.005
10-Feb-22	15	0.005	0.001	0.17	0.018	0.02	0.029	0.01	0.005
16-Feb-22	70	0.005	0.006	0.96	0.031	0.02	0.085	0.01	0.005
22-Feb-22	44	0.005	0.003	0.63	0.027	0.02	0.077	0.01	0.005
28-Feb-22	119	0.005	0.004	1.84	0.027	0.02	0.139	0.01	0.005
06-Mar-22	21	0.005	0.008	0.95	0.034	0.02	0.147	0.04	0.005
12-Mar-22	72	0.005	0.005	1.68	0.027	0.02	0.248	0.01	0.005
18-Mar-22	122	0.005	0.009	2.18	0.036	0.02	0.230	0.01	0.005
24-Mar-22	23	0.005	0.003	0.54	0.022	0.02	0.077	0.01	0.005
30-Mar-22	56	0.005	0.016	2.03	0.026	0.02	0.257	0.01	0.005
05-Apr-22									
11-Apr-22									
17-Apr-22									
23-Apr-22									
29-Apr-22									
05-May-22									
11-May-22									
17-May-22									
23-May-22									
29-May-22									
04-Jun-22									
10-Jun-22									
16-Jun-22									
22-Jun-22									
28-Jun-22									

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
04-Jul-22									
10-Jul-22									
16-Jul-22									
22-Jul-22									
28-Jul-22									
03-Aug-22									
09-Aug-22									
15-Aug-22									
21-Aug-22									
27-Aug-22									
02-Sep-22									
08-Sep-22									
14-Sep-22									
20-Sep-22									
26-Sep-22									
02-Oct-22									
08-Oct-22									
14-Oct-22									
20-Oct-22									
26-Oct-22									
01-Nov-22									
07-Nov-22									
13-Nov-22									
19-Nov-22									
25-Nov-22									
01-Dec-22									
07-Dec-22									
13-Dec-22									
19-Dec-22									
25-Dec-22									
31-Dec-22									

Geo Mean	38	0.005	0.003	0.82	0.028	0.02	0.074	0.01	0.005
Max	122	0.005	0.016	2.85	0.040	0.02	0.257	0.04	0.005
Min	8	0.005	0.001	0.11	0.018	0.02	0.015	0.01	0.005
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	1	0	0	0	0	0	0	0	0
URT	n/a	0.25	5	n/a	n/a	2	4	2	n/a
No. > URT	n/a	0	0	n/a	n/a	0	0	0	n/a
Sampling Dates	15	15	15	15	15	15	15	15	15
Valid Samples	15	15	15	15	15	15	15	15	15
% Valid Data	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0